



[www.sdbirdflu.org](http://www.sdbirdflu.org)

VOLUME II, ISSUE 20

DECEMBER 19, 2007

## Avian Influenza: Current Global Situation Update

### AVIAN INFLUENZA CASES IN HUMANS

Since January 2004, the World Health Organization (WHO) has reported human cases of Avian Influenza A/ (H5N1) in more than twelve countries like Cambodia, China, Indonesia, Thailand, Vietnam, Azerbaijan, Turkey, Egypt, Djibouti, Iraq, Lao People's Democratic Republic, and Nigeria.

Cumulative Number of Confirmed Human Cases of Avian Influenza A/ (H5N1) Reported to WHO through December 14, 2007. WHO only reports laboratory-confirmed cases.

◆ Total human cases of H5N1 (confirmed) = **340**

◆ Total human deaths from H5N1= **208**

[http://www.who.int/csr/disease/avian\\_influenza/country/cases\\_table\\_2007\\_12\\_14/en/index.html](http://www.who.int/csr/disease/avian_influenza/country/cases_table_2007_12_14/en/index.html)

**Currently, there are no reported human OR animal cases of the highly pathogenic Avian Influenza (H5N1) in United States.**

### World Health Organization (WHO)

#### Indonesia - December 13, 2007

The Ministry of Health has announced two cases of human infection of H5N1 avian influenza.

A 28-year-old female from Tangerang City, Banten Province developed symptoms on December 1st, was hospitalized on December 7th and died in an AI referral hospital on December 10th. The case worked as a road side seller of decorative plants. Poultry and poultry cages were located in the vicinity of her business. Investigations are ongoing into the source of her infection.

The second case a 47-year-old male from Tangerang City, Banten Province developed symptoms on December 2<sup>nd</sup> and was hospitalized on December 9th. The source of his exposure is currently under investigation.

*Of the 115 cases confirmed to date in Indonesia, 92 have been fatal.*

[http://www.who.int/csr/disease/avian\\_influenza/en/index.html](http://www.who.int/csr/disease/avian_influenza/en/index.html)

#### Pakistan - December 15, 2007

The Ministry of Health in Pakistan has informed WHO of 8 suspected human cases of H5N1 avian influenza infection in the Peshawar area of the country. These cases were detected following a series of culling operations in response to outbreaks of H5N1 in poultry. One of the cases has now recovered and a further two suspected cases have since died.

[http://www.who.int/csr/don/2007\\_12\\_15/en/index.html](http://www.who.int/csr/don/2007_12_15/en/index.html)

#### China - December 9, 2007

The Ministry of Health has reported a two new case of human infection with the H5N1 avian influenza virus in Jiangsu Province. The cases were confirmed by the national laboratory.

[http://www.who.int/csr/disease/avian\\_influenza/en/index.html](http://www.who.int/csr/disease/avian_influenza/en/index.html)

### SPECIAL POINTS OF INTEREST:

- Cumulative Number of Confirmed Human Cases (Page 1)
- PI Tool Kit for Community involvement (Page 2)
- H5N1 in wild and domestic birds in Europe (Page 3)

### INSIDE THIS ISSUE:

National News 2

Local and State News 2

Pandemic/Avian Flu in the Media 3

Resources 4

## AVIAN INFLUENZA CASES IN POULTRY AND WILD BIRDS

### 27 Countries Report H5N1 Avian Influenza in Domestic Poultry/Wildlife in 2007

- Afghanistan
- Bangladesh
- Cambodia, China, Czech Republic
- France
- Germany, Ghana
- Hong Kong (SARPRC) (W), Hungary
- India
- Japan
- Korea (Republic of), Kuwait
- Laos
- Malaysia, Myanmar

- Pakistan
- Poland
- Romania, Russia
- Saudi Arabia
- Thailand, Togo, Turkey
- United Kingdom
- Vietnam



**December 2007 Poland** notifies two H5N1 outbreaks.

#### The Poultrysite.com

By H Needham on behalf of the Influenza Project Team\*, European Centre for Disease Prevention and Control, Euro-surveillance.

<http://www.thepoultrysite.com/articles/933/h5n1-in-wild-and-domestic-birds-in-europe>

## NATIONAL NEWS

**U.S. Department of State** - News release  
December 4, 2007

Ambassador John E. Lange, Special Representative on Avian and Pandemic Influenza and Head of the U.S. Delegation provided the opening remarks at the New Delhi International Ministerial Conference on Avian and Pandemic Influenza. Read Ambassador Lange entire speech at the following website: <http://www.state.gov/g/avianflu/96208.htm>



**U.S. Department of Health and Human Services and Center for Disease Control-** December 2007

#### Tool Kit for community involvement

The Centers for Disease Control and Prevention (CDC) and other public health experts agree that it is not a question of **IF** a pandemic will occur, but **WHEN** it will occur. If America is not adequately prepared, pandemic flu could seriously affect everyone economically.

This kit was developed by HHS and CDC along with input from community leaders. It is designed to provide you with key information and tools to help your organization or practice understand the threat

of a pandemic and prepare for it now.

This toolkit provides the following:

- Information for you about pandemic flu
- Ready-to-use and ready-to-tailor resources prepared by HHS and CDC
- Ideas and materials to encourage your organization to prepare and to encourage other leaders to get involved

Pandemic preparedness efforts are an important part of community leadership. We thank you for joining community leaders across the Nation in taking steps to ensure America's health and prosperity in the 21st century.

<http://www.pandemicflu.gov/takethelead/index.html>

**U.S. Department of Health and Human Services**  
December 3, 2007

Who gets vaccinated first in a flu pandemic? Doctors? Paramedics? Kids? The elderly? It's the central question posed in a series of public forums seeking input on a draft plan that spells out how vaccines will be allocated in the early days of a flu pandemic.

[http://www.pandemicflu.gov/news/panflu\\_dialogue.html](http://www.pandemicflu.gov/news/panflu_dialogue.html)

## LOCAL AND STATE NEWS



#### Local News/ Outreach

Activities related to Pandemic Influenza education in the regions continue with more than 142,056 educational material distributed to various community locations. In addition, a total of 140 presentations have been provided to staff and community residents.

#### State/ Federal News

No new updates at this time.

# PANDEMIC/ AVIAN FLU IN THE MEDIA

CIDRAP News.com - December 12, 2007

Poland, Russia, Vietnam, and Saudi Arabia reported new outbreaks of the deadly H5N1 avian influenza in birds today, according to news reports.

Poland has new outbreaks at two sites well separated from the five outbreaks reported recently in two areas northwest of Warsaw, according to a Reuters report.

The disease cropped up at a small farm near Elblag, near the Gulf of Gdansk in northeastern Poland, the story said. Ewa Lech, Poland's chief veterinary officer, calling the site "an entirely new location," said the farm has about 40 birds, according to the report.

<http://www.cidrap.umn.edu/cidrap/content/influenza/avianflu/news/dec1207avian.html>

## Reports suggest common source in family H5N1 cases - CIDRAP News.com - December 10, 2007

Chinese officials said today that analysis of a virus sample from a 24-year-old man who died of H5N1 avian influenza shows no signs of a dangerous mutation, as some news reports said the man and his father, who is hospitalized with an H5N1 infection, both had eaten undercooked chicken.



Mao Qun'an, a spokesman for China's health ministry, told reporters that though the son's sample showed no evidence of mutation, authorities could not rule out the possibility of human-to-human transmission, Reuters reported.

"The virus is still avian and has not undergone a mutation in its nature," Qun'an said at a press conference. He said the men could have been infected from the same source or separate sources, according to Reuters.

The 24-year-old man, from Nanjing in eastern China's Jiangsu province, died on November 27th from an H5N1 infection, according to a previous report from the World Health Organization (WHO). Six days later his father was hospitalized, and on December 6th China's national laboratory confirmed the man had an H5N1 infection, according to a WHO statement. The father is listed as China's 27th H5N1 case-patient.

News of the men's H5N1 infections raised suspicions of human-to-human transmission after media reports and the WHO said the son had no known exposure to sick birds.

However, *Ta Kung Pao*, a Hong Kong newspaper controlled by the mainland, reported today that both men had eaten undercooked chicken in Nanjing, the capital of Jiangsu, the Reuters report said. The claims came from unnamed sources.

<http://www.cidrap.umn.edu/cidrap/avianflu/news/dec1007.html>

Nature .com - December 2007

Published online December 5, 2007: Global surveillance is key to tracking potential pandemic viruses such as H5N1.

There is growing recognition that it is time to change our surveillance approach to H5N1 and the other influenza subtypes that could cause the next pandemic. Here are three steps that can move us forward: 1. We need to share samples more rapidly, 2. Increase testing in endemic areas, 3. Track more than one virus.

<http://www.nature.com/nature/journal/v450/n7171/full/450791a.html>



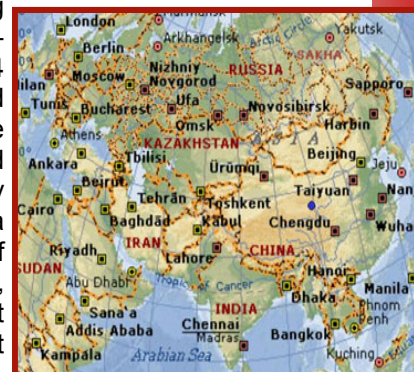
K. WIGGLESWORTH/AP  
No access: only by sharing data from local bird-flu outbreaks can global agencies prepare for a pandemic.

Eurosurveillance.org - December 2007

Since the emergence of A/H5N1 in the winter of 2005-2006 at the border of the European Union (EU), including human cases in Turkey, the European Centre for Disease Prevention and Control (ECDC) has developed assessments on the public health risks from A/H5N1, and guidance on how to protect those that may be exposed to the virus.

Over the last three years, the EU has also made strenuous efforts to improve the protection of EU domestic poultry from A/H5N1 infection, including enhancing bio-security around domestic flocks and increasing veterinary surveillance activities in bird populations (wild and domestic) in order to provide an essential early warning of the presence of the virus.

As of 5 December, 307 wild birds have tested positive in the EU during 2007. The vast majority were found in Germany (298), with small numbers in France (7) the Czech Republic (1) and Hungary (1). Almost all these cases were reported in a seven-week period between mid-June and beginning of August. This is in contrast to 2006, when 14 Member States reported a total of 748 positive cases of A/H5N1 in wild birds between February and August, indicating a broader distribution of the virus in the EU, mostly in a wave that rose and fell in the first half of the year.



For more information and the **Conclusion** visit:

<http://www.eurosurveillance.org/ew/2007/071206.asp#1>

# Resources

- **County Vector Control Program's (888) 551-INFO (4636)** for info on how to protect birds, or to report dead birds.
- **HHSA's Avian and Pandemic Flu Info Line (619) 515-6900** for info regarding avian and pandemic flu.
- Educational materials are available for public distribution and are also downloadable from the county website: [www.sdbirdflu.org](http://www.sdbirdflu.org) or [www.sdpanicflu.org](http://www.sdpanicflu.org). Click on "Pandemic Flu".
- National Geographic International Edition: [www.nationalgeographic.com](http://www.nationalgeographic.com)
- World Health Organization (WHO): [www.who.int](http://www.who.int)
- Federal Dept. of Health & Human Services: [www.pandemicflu.gov](http://www.pandemicflu.gov)
- Federal CDC site: [www.cdc.gov/flu/pandemic](http://www.cdc.gov/flu/pandemic)
- State of California: [www.dhs.ca.gov](http://www.dhs.ca.gov)
- County of San Diego: [www.sdbirdflu.org](http://www.sdbirdflu.org)
- The Poultry Site: [www.thepoultrysite.com](http://www.thepoultrysite.com)



COUNTY OF SAN DIEGO  
Health and Human Services Agency



*Avian/Pandemic Flu Newsletter* is published semi-monthly by the County of San Diego Health and Human Services Agency, Public Health Services.

**Wilma J. Wooten, M.D., M.P.H.**  
Public Health Officer

**Kay Scavulli, R.N., P.H.N.**  
Epidemiology/Bioterrorism PHN

**Margarita Brooks**  
Newsletter Research and  
Development Coordinator

Please e-mail should you note any written errors or discrepancies or if you have any questions or comments to:  
[Margarita.Brooks@sdcounty.ca.gov](mailto:Margarita.Brooks@sdcounty.ca.gov) or [Kay.Scavulli@sdcounty.ca.gov](mailto:Kay.Scavulli@sdcounty.ca.gov)